$\left.\begin{array}{c} \\ \text{ATTRIBUTES} \\ \hline 101 \\ \end{array}\right $										
	ORIGIN	NEXT_HOP	AS_PATH	LOCAL_PREFERENCE	:	NETWORK_PREFIX_1	NETWORK_PREFIX_2	NETWORK_PREFIX_3	:	UPDATE MESSAGE <u>100</u>
-	NLRI 103									,

FIG. 1 (PRIOR ART)

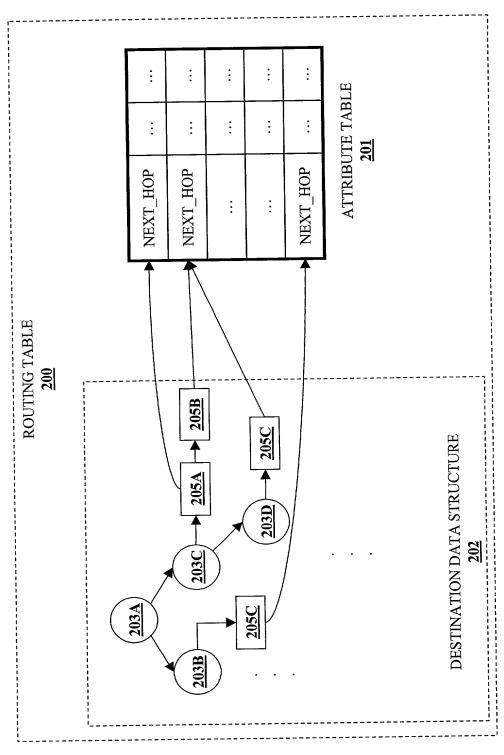


FIG. 2 (PRIOR ART)

£ I/Z

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PATH DATA STRUCTURE CHAIN_TAIL PATH_POINTER 327 309 ATTRIBUTE POINTER CHAIN POINTER 317 325 ATTRIBUTE ELEMENT MODIFY 308 <u>319</u> BEST_FLAG AS_PATH 323 CHAIN POINTER 315 **DESTINATION ELEMENT** 307 ORIGIN 322 NEIGHBOR 313 NEXT HOP DESTINATION 321 303

E 1/E

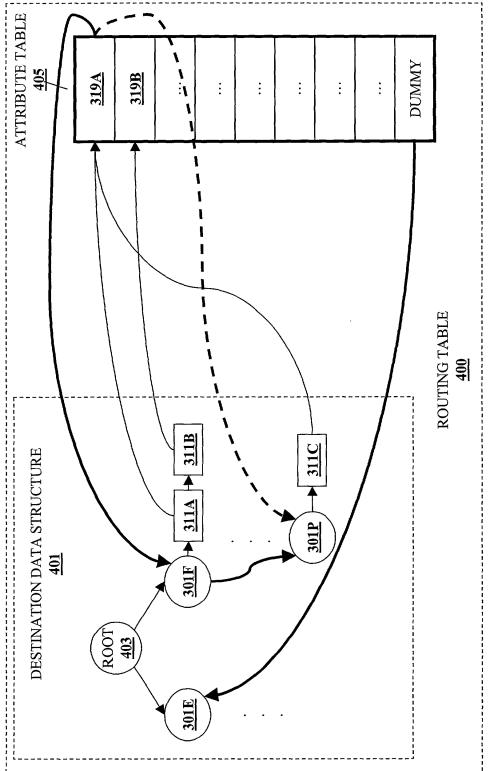


FIG 4

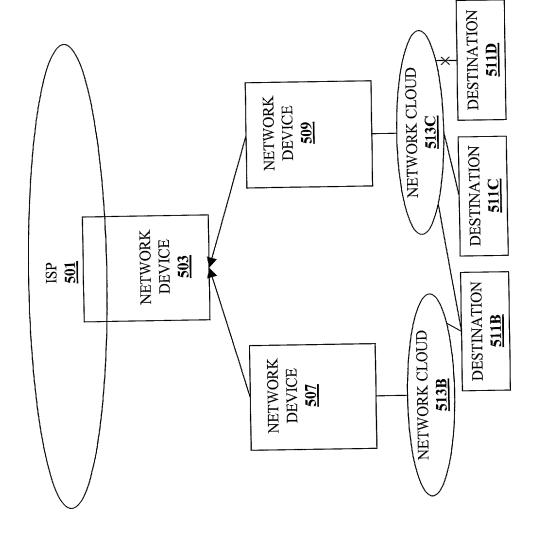
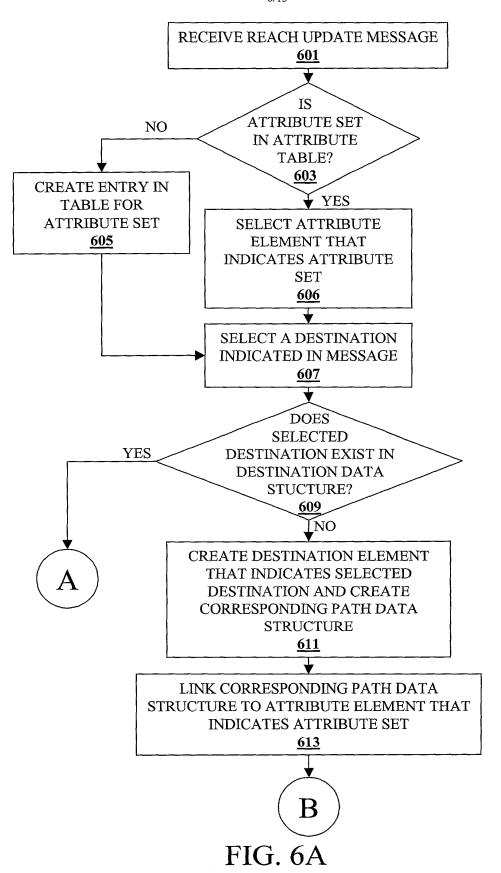


FIG. 5



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Method and Apparatus for an Attribute Oriented Routing Update
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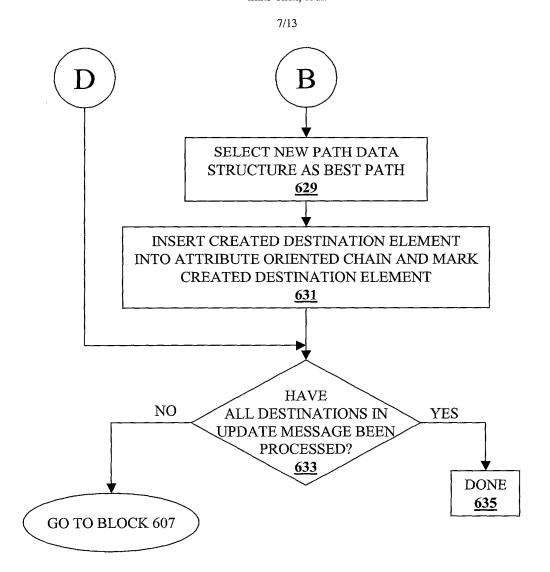


FIG. 6B

4906.P088

Method and Apparatus for an Attribute Oriented Routing Update
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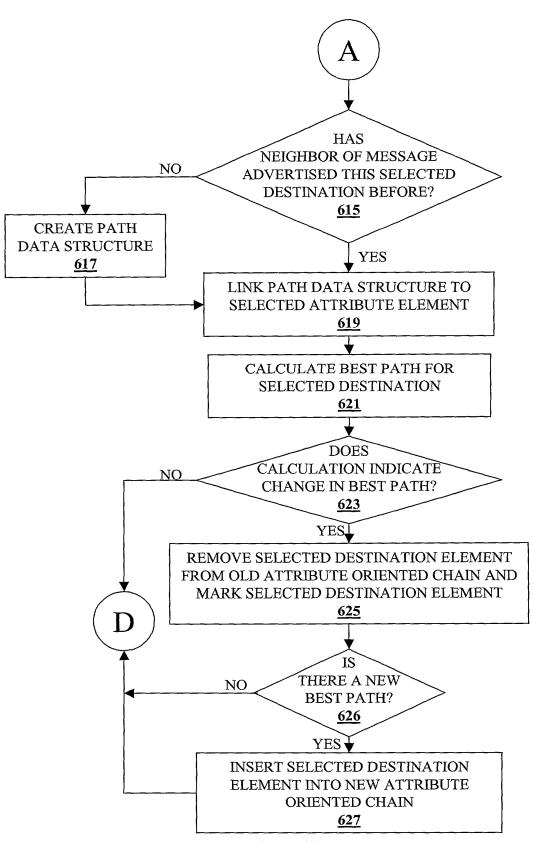


FIG. 6C

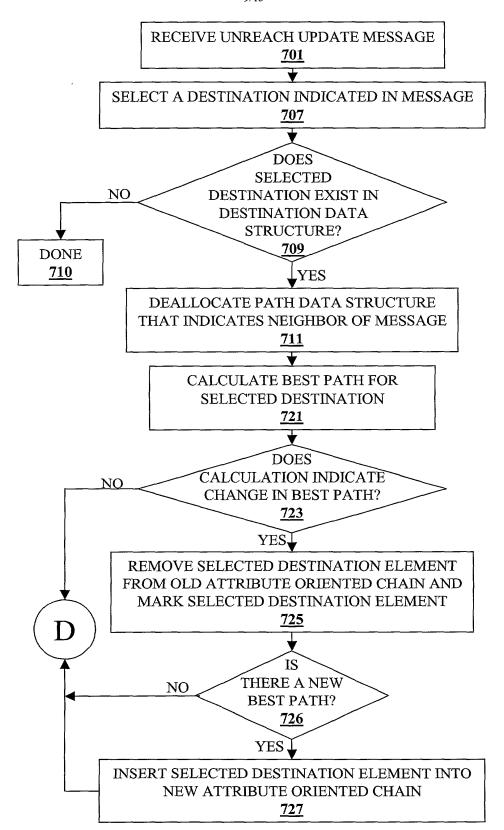
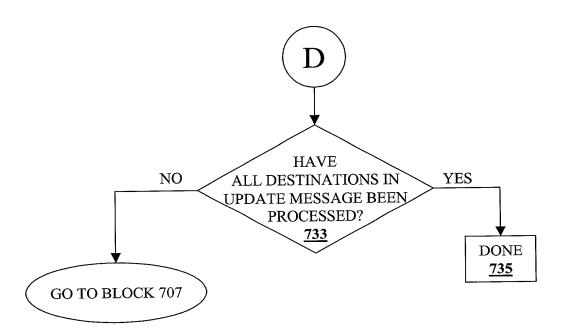
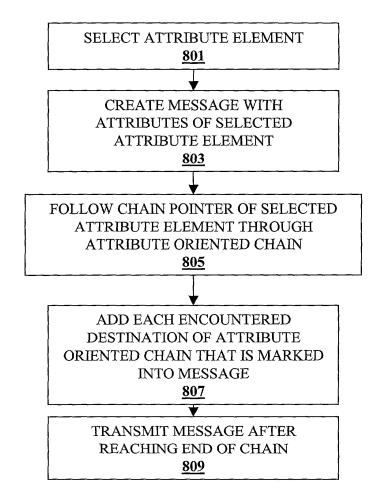
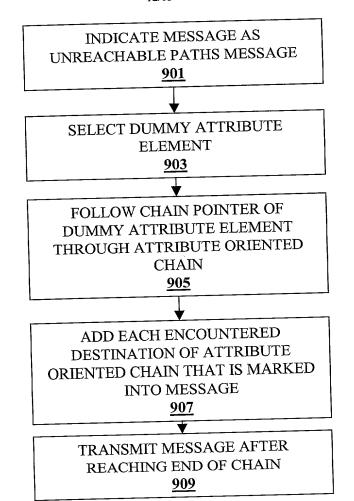


FIG. 7A







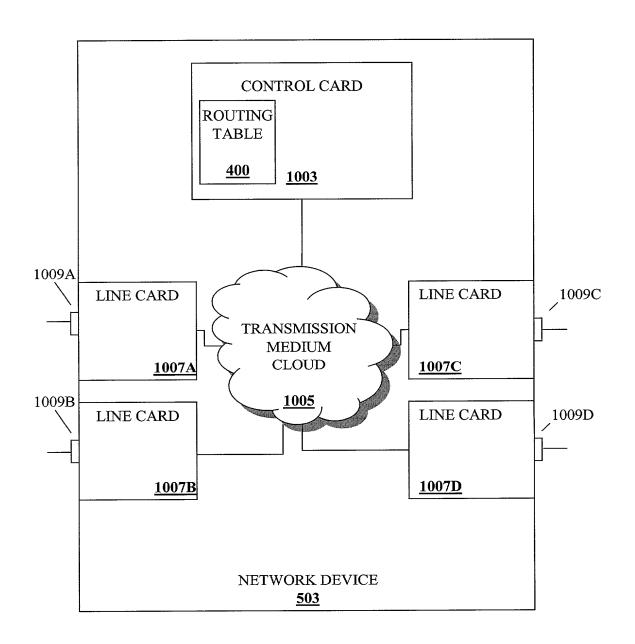


FIG. 10